



4. For my solution, I started by creating an array as long as the number of lockers. I then iterated over this array with two for loops. The first for loop runs or times, where is the number of easses. The second for loop runs for the length of the array. It takes the value at each index of the array and mods: it by which pass the first for loop is on. If the mode is 0, that mode that locker number is a multiple of the pass number, and therefore has its open or closed value toggled. After both loops are complete, another for loop iterates through the Completed array. This are prints the locker number and if it is open or not by cherking if the value in the array is I array if the value in the array is I array if the num open variable, and it is printed at the end of the loop.

Problems: Initially, my main function called another function which would return an integer array. However, since the array was

a local variable in the function, the values would be all wrong when it returned. I fixed this by making this function void and moving the printing from main to that function.

Compilation No special instructions